SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 202 (CPL)
DATE INSTALLED OR LAST MODIFIED	2002***

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Gasoline		
TANK CAPACITY (GALLONS)	1,629,936	ANNUAL THROUGHPUT (GALLONS)	94,678,122
TANK TYPE	02	SOURCE	01

TANK TYPE
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT		TANK SURFACE AREA (SQ. FT)	
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)		METHOD OF VAPOR RECOVERY	

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	1.97E-02
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	ND
Cumene	98-82-8	1.50E-03
Ethylbenzene	100-41-4	9.26E-03
Hexane	110-54-3	1.34E-02
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	3.03E-03
Phenol	108-95-2	ND
Styrene	100-42-5	7.80E-04
Toluene	108-88-3	5.25E-02
Xylenes	1330-20-7	4.91E-02

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

***Secondary seals and guidepole sleeves installed.

SECTION 5, PART B (TANK 202 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				4.8E-01			
LEAD							
2,2,4 TMP	540-84-1			1.9E-03			
BENZENE	71-43-2			2.1E-03			
BIPHENYL	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			4.7E-05			
ETHYLBENZENE	100-41-4			3.5E-04			
N-HEXANE	110-54-3			3.4E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			7.8E-05			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			2.6E-05			
TOLUENE	108-88-3			3.3E-03			
XYLENES	1330-20-7			1.8E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 203 (CPL)
DATE INSTALLED OR LAST MODIFIED	2002***

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Gasoline/Diesel*		
TANK CAPACITY (GALLONS)	1,646,484	ANNUAL THROUGHPUT (GALLONS)	167,321,406
TANK TYPE	02	SOURCE	01

TANK TYPE
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT		TANK SURFACE AREA (SQ. FT)	
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)		METHOD OF VAPOR RECOVERY	

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L or H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	7.10E-04
Cresols	1319-77-3	2.40E-04
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	2.40E-02
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	2.60E-03
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

*This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

***Secondary seals and guidepole sleeves installed.

SECTION 5, PART B (TANK 203 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				4.8E-01			
LEAD							
2,2,4 TMP	540-84-1			1.9E-03			
BENZENE	71-43-2			2.1E-03			
BIPHENYL	92-52-4			1.7E-05			
CRESOLS	1319-77-3			1.2E-05			
CUMENE	98-82-8			4.7E-05			
ETHYLBENZENE	100-41-4			3.5E-04			
N-HEXANE	110-54-3			3.4E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			7.9E-05			
PHENOL	108-95-2			6.5E-05			
STYRENE	100-42-5			2.6E-05			
TOLUENE	108-88-3			3.4E-03			
XYLENES	1330-20-7			1.8E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 204 (CPL)
DATE INSTALLED OR LAST MODIFIED	2002***

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Gasoline/Diesel*		
TANK CAPACITY (GALLONS)	771,330	ANNUAL THROUGHPUT (GALLONS)	53,232,102
TANK TYPE	02	SOURCE	01

TANK TYPE
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT		TANK SURFACE AREA (SQ. FT)	
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)		METHOD OF VAPOR RECOVERY	

Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L or H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	7.10E-04
Cresols	1319-77-3	2.40E-04
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	2.40E-02
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	2.60E-03
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

*This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

***Secondary seals and guidepole sleeves installed.

SECTION 5, PART B (TANK 204 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				3.5E-01			
LEAD							
2,2,4 TMP	540-84-1			1.2E-03			
BENZENE	71-43-2			1.4E-03			
BIPHENYL	92-52-4			1.2E-05			
CRESOLS	1319-77-3			8.4E-06			
CUMENE	98-82-8			1.8E-05			
ETHYLBENZENE	100-41-4			1.6E-04			
N-HEXANE	110-54-3			2.4E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			2.9E-05			
PHENOL	108-95-2			4.4E-05			
STYRENE	100-42-5			1.1E-05			
TOLUENE	108-88-3			1.9E-03			
XYLENES	1330-20-7			7.6E-04			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 205 (CPL)

DATE INSTALLED OR LAST MODIFIED: 1956

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Gasoline/Diesel*

TANK CAPACITY (GALLONS): 761,544

ANNUAL THROUGHPUT (GALLONS): 78,972,642

TANK TYPE: 02

PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01

PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L or H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	7.10E-04
Cresols	1319-77-3	2.40E-04
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	2.40E-02
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	2.60E-03
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

*This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (TANK 205 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				3.6E-01			
LEAD							
2,2,4 TMP	540-84-1			1.4E-03			
BENZENE	71-43-2			1.6E-03			
BIPHENYL	92-52-4			1.2E-05			
CRESOLS	1319-77-3			8.3E-06			
CUMENE	98-82-8			3.3E-05			
ETHYLBENZENE	100-41-4			2.5E-04			
N-HEXANE	110-54-3			2.5E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			5.5E-05			
PHENOL	108-95-2			4.4E-05			
STYRENE	100-42-5			1.9E-05			
TOLUENE	108-88-3			2.5E-03			
XYLENES	1330-20-7			1.3E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 206 (CPL)
DATE INSTALLED OR LAST MODIFIED	2002***

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Gasoline/Diesel*		
TANK CAPACITY (GALLONS)	772,044	ANNUAL THROUGHPUT (GALLONS)	78,493,590
TANK TYPE PLEASE CHOOSE FROM BELOW (01) FIXED ROOF; (02) FLOATING ROOF (OR INTERNAL COVER); (03) VARIABLE VAPOR SPACE; (04) PRESSURE TANK; (05) UNDERGROUND - SPLASH LOADING (06) OTHER	02	SOURCE PLEASE CHOOSE FROM BELOW (01) PIPELINE; (02) RAIL CAR; (03) TANK TRUCK; (04) SHIP BARGE; (05) OTHER	01

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT		TANK SURFACE AREA (SQ. FT)	
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)		METHOD OF VAPOR RECOVERY Please choose from below (01) Incineration; (02) Refrigerated Liquid Scrubber; (03) Refrigerated Condenser; (04) Carbon Adsorption; (05) Vapor Return System; (06) No Recovery System; (07) Other	

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L or H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	7.10E-04
Cresols	1319-77-3	2.40E-04
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	2.40E-02
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	2.60E-03
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

*This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

***Secondary seals and guidepole sleeves installed.

SECTION 5, PART B (TANK 206 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				3.6E-01			
LEAD							
2,2,4 TMP	540-84-1			1.4E-03			
BENZENE	71-43-2			1.6E-03			
BIPHENYL	92-52-4			1.2E-05			
CRESOLS	1319-77-3			8.4E-06			
CUMENE	98-82-8			3.3E-05			
ETHYLBENZENE	100-41-4			2.5E-04			
N-HEXANE	110-54-3			2.5E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			5.4E-05			
PHENOL	108-95-2			4.4E-05			
STYRENE	100-42-5			1.9E-05			
TOLUENE	108-88-3			2.4E-03			
XYLENES	1330-20-7			1.2E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 207 (CPL)
DATE INSTALLED OR LAST MODIFIED	1956

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Gasoline/Diesel*		
TANK CAPACITY (GALLONS)	771,288	ANNUAL THROUGHPUT (GALLONS)	78,418,830
TANK TYPE	02	SOURCE	01

TANK TYPE PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT		TANK SURFACE AREA (SQ. FT)	
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)		METHOD OF VAPOR RECOVERY	

Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L or H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	7.10E-04
Cresols	1319-77-3	2.40E-04
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	2.40E-02
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	2.60E-03
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

*This tank is a swing tank and its contents vary during the year, depending on product demand. HAP ingredients and emissions are worst-case based on gasoline and diesel.

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (TANK 207 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				3.2E+00			
LEAD							
2,2,4 TMP	540-84-1			1.0E-02			
BENZENE	71-43-2			1.3E-02			
BIPHENYL	92-52-4			1.2E-05			
CRESOLS	1319-77-3			9.2E-06			
CUMENE	98-82-8			8.7E-05			
ETHYLBENZENE	100-41-4			9.7E-04			
N-HEXANE	110-54-3			2.2E-02			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			5.9E-05			
PHENOL	108-95-2			5.3E-05			
STYRENE	100-42-5			5.9E-05			
TOLUENE	108-88-3			1.5E-02			
XYLENES	1330-20-7			4.4E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 400 (CPL)

DATE INSTALLED OR LAST MODIFIED: prior to 1972

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Transmix/Water

TANK CAPACITY (GALLONS): 42,000

ANNUAL THROUGHPUT (GALLONS): 350,000

TANK TYPE: 01
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY:
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L & H mix	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 400 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				6.4E-01			
LEAD							
2,2,4 TMP	540-84-1			1.9E-03			
BENZENE	71-43-2			2.5E-03			
BIPHENYL	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			1.2E-05			
ETHYLBENZENE	100-41-4			1.6E-04			
N-HEXANE	110-54-3			4.3E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			1.2E-06			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			9.0E-06			
TOLUENE	108-88-3			2.8E-03			
XYLENES	1330-20-7			7.1E-04			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 401 (CPL)

DATE INSTALLED OR LAST MODIFIED: prior to 1972

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Transmix/Water

TANK CAPACITY (GALLONS): 84,000

ANNUAL THROUGHPUT (GALLONS): 700,000

TANK TYPE: 01
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)

TANK SURFACE AREA (SQ. FT)

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L & H mix	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 401 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				1.3E+00			
LEAD							
2,2,4 TMP	540-84-1			3.8E-03			
BENZENE	71-43-2			4.9E-03			
BIPHENYL	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			2.4E-05			
ETHYLBENZENE	100-41-4			3.2E-04			
N-HEXANE	110-54-3			8.4E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			2.4E-06			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			1.8E-05			
TOLUENE	108-88-3			5.6E-03			
XYLENES	1330-20-7			1.4E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 402 (CPL)
DATE INSTALLED OR LAST MODIFIED	prior to 1972

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Transmix/Water		
TANK CAPACITY (GALLONS)	84,000	ANNUAL THROUGHPUT (GALLONS)	700,000
TANK TYPE	01	SOURCE	01

TANK TYPE
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT		TANK SURFACE AREA (SQ. FT)	
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)		METHOD OF VAPOR RECOVERY	

Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L & H mix	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 402 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER		OPERATING SCHEDULE	
DEC-FEB	25	HOURS/DAY	24
MAR-MAY	25	DAYS/WEEK	7
JUN-AUG	25	WEEKS/YEAR	52
SEP-NOV	25		

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				1.3E+00			
LEAD							
2,2,4 TMP	540-84-1			3.8E-03			
BENZENE	71-43-2			4.9E-03			
BIPHENYL	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			2.4E-05			
ETHYLBENZENE	100-41-4			3.2E-04			
N-HEXANE	110-54-3			8.4E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			2.4E-06			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			1.8E-05			
TOLUENE	108-88-3			5.6E-03			
XYLENES	1330-20-7			1.4E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 403 (CPL)
DATE INSTALLED OR LAST MODIFIED	prior to 1972

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Transmix/Water		
TANK CAPACITY (GALLONS)	168,000	ANNUAL THROUGHPUT (GALLONS)	1,400,000
TANK TYPE PLEASE CHOOSE FROM BELOW (01) FIXED ROOF; (02) FLOATING ROOF (OR INTERNAL COVER); (03) VARIABLE VAPOR SPACE; (04) PRESSURE TANK; (05) UNDERGROUND - SPLASH LOADING (06) OTHER	01	SOURCE PLEASE CHOOSE FROM BELOW (01) PIPELINE; (02) RAIL CAR; (03) TANK TRUCK; (04) SHIP BARGE; (05) OTHER	01

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT		TANK SURFACE AREA (SQ. FT)	
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)		METHOD OF VAPOR RECOVERY Please choose from below (01) Incineration; (02) Refrigerated Liquid Scrubber; (03) Refrigerated Condenser; (04) Carbon Adsorption; (05) Vapor Return System; (06) No Recovery System; (07) Other	

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L & H mix	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 403 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				2.5E+00			
LEAD							
2,2,4 TMP	540-84-1			7.6E-03			
BENZENE	71-43-2			9.8E-03			
BIPHENYL	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			4.8E-05			
ETHYLBENZENE	100-41-4			6.4E-04			
N-HEXANE	110-54-3			1.7E-02			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			4.7E-06			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			3.5E-05			
TOLUENE	108-88-3			1.1E-02			
XYLENES	1330-20-7			2.8E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 404 (CPL)
DATE INSTALLED OR LAST MODIFIED	prior to 1972

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Transmix/Water

TANK CAPACITY (GALLONS): 168,000

ANNUAL THROUGHPUT (GALLONS): 1,400,000

TANK TYPE: 01
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY:
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L & H mix	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 404 - CPL)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				2.5E+00			
LEAD							
2,2,4 TMP	540-84-1			7.6E-03			
BENZENE	71-43-2			9.8E-03			
BIPHENYL	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			4.8E-05			
ETHYLBENZENE	100-41-4			6.4E-04			
N-HEXANE	110-54-3			1.7E-02			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			4.7E-06			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			3.5E-05			
TOLUENE	108-88-3			1.1E-02			
XYLENES	1330-20-7			2.8E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 1 (NWTC)
DATE INSTALLED OR LAST MODIFIED	1951

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Jet Fuel

TANK CAPACITY (GALLONS): 269,430

ANNUAL THROUGHPUT (GALLONS): 19,531,596

TANK TYPE: 01

PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01

PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY

Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 Trimethylpentane	540-84-1	ND
Benzene	71-43-2	ND
Biphenyl	92-52-4	2.10E-03
Cresols	1319-77-3	6.70E-04
Cumene	98-82-8	1.70E-03
Ethylbenzene	100-41-4	2.50E-04
Hexane	110-54-3	3.20E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	0.00E+00
Phenol	108-95-2	ND
Styrene	100-42-5	2.35E-03
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 1 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				3.8E-02			
LEAD							
2,2,4-TMP	540841			0.00E+00			
BENZENE	71-43-2			0.00E+00			
BIPHENYL	92-52-4			5.98E-06			
CRESOLS	1319-77-3			2.40E-06			
CUMENE	98-82-8			1.95E-04			
ETHYLBENZENE	100-41-4			1.06E-03			
N-HEXANE	110-54-3			2.86E-03			
MTBE	1634-04-4			0.00E+00			
NAPHTHALENE	91-20-3			4.46E-05			
PHENOL	108-95-2			4.90E-06			
STYRENE	100-42-5			0.00E+00			
TOLUENE	108-88-3			4.54E-03			
XYLENES	1330-20-7			3.45E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 2 (NWTC)

DATE INSTALLED OR LAST MODIFIED: 1951

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Jet Fuel

TANK CAPACITY (GALLONS): 186,648

ANNUAL THROUGHPUT (GALLONS): 13,530,552

TANK TYPE: 01
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)

TANK SURFACE AREA (SQ. FT)

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 Trimethylpentane	540-84-1	ND
Benzene	71-43-2	ND
Biphenyl	92-52-4	2.10E-03
Cresols	1319-77-3	6.70E-04
Cumene	98-82-8	1.70E-03
Ethylbenzene	100-41-4	2.50E-04
Hexane	110-54-3	3.20E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	0.00E+00
Phenol	108-95-2	ND
Styrene	100-42-5	2.35E-03
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 2 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				2.7E-02			
LEAD							
2,2,4-TMP	540841			0.00E+00			
BENZENE	71-43-2			0.0E+00			
BIPHENYL	92-52-4			4.2E-06			
CRESOLS	1319-77-3			1.7E-06			
CUMENE	98-82-8			1.4E-04			
ETHYLBENZENE	100-41-4			7.4E-04			
N-HEXANE	110-54-3			2.0E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			3.1E-05			
PHENOL	108-95-2			3.4E-06			
STYRENE	100-42-5			0.0E+00			
TOLUENE	108-88-3			3.2E-03			
XYLENES	1330-20-7			2.4E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 3 (NWTC)

DATE INSTALLED OR LAST MODIFIED: 1951

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Jet Fuel

TANK CAPACITY (GALLONS): 186,648

ANNUAL THROUGHPUT (GALLONS): 13,530,552

TANK TYPE: 01

PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01

PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY:

Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 Trimethylpentane	540-84-1	ND
Benzene	71-43-2	7.69E-03
Biphenyl	92-52-4	4.44E-03
Cresols	1319-77-3	2.78E-03
Cumene	98-82-8	1.13E-03
Ethylbenzene	100-41-4	2.95E-03
Hexane	110-54-3	1.72E-02
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	6.38E-03
Phenol	108-95-2	3.14E-03
Styrene	100-42-5	9.85E-04
Toluene	108-88-3	2.04E-02
Xylenes	1330-20-7	1.38E-02

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 3 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				2.7E-02			
LEAD							
2,2,4-TMP	540841			0.00E+00			
BENZENE	71-43-2			0.0E+00			
BIPHENYL	92-52-4			4.2E-06			
CRESOLS	1319-77-3			1.7E-06			
CUMENE	98-82-8			1.4E-04			
ETHYLBENZENE	100-41-4			7.4E-04			
N-HEXANE	110-54-3			2.0E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			3.1E-05			
PHENOL	108-95-2			3.4E-06			
STYRENE	100-42-5			0.0E+00			
TOLUENE	108-88-3			3.2E-03			
XYLENES	1330-20-7			2.4E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 4 (NWTC)

DATE INSTALLED OR LAST MODIFIED: 1949

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Diesel

TANK CAPACITY (GALLONS): 340,200

ANNUAL THROUGHPUT (GALLONS): 6,300,000

TANK TYPE: 02
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW): H

NUMBER OF SAFETY RELIEF VALVES: **

NUMBER OF PUMP SEALS: **

NUMBER OF FLANGES: **

NUMBER OF COMPRESSOR SEALS: **

NUMBER OF OPEN-ENDED LINES: **

NUMBER OF IN-LINE VALVES: **

NUMBER OF SAMPLING CONNECTIONS: **

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 Trimethylpentane	540-84-1	0.00E+00
Benzene	71-43-2	ND
Biphenyl	92-52-4	7.10E-04
Cresols	1319-77-3	2.40E-04
Cumene	98-82-8	2.90E-04
Ethylbenzene	100-41-4	2.90E-04
Hexane	110-54-3	0.00E+00
MTBE	1634-04-4	2.40E-02
Napthalene	91-20-3	1.70E-03
Phenol	108-95-2	2.60E-03
Styrene	100-42-5	0.00E+00
Toluene	108-88-3	5.00E-04
Xylenes	1330-20-7	1.22E-03

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 4 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				4.9E-03			
LEAD							
2,2,4 TMP	540-84-1			1.5E-05			
BENZENE	71-43-2			0.0E+00			
BIPHENYL	92-52-4			2.9E-06			
CRESOLS	1319-77-3			2.1E-06			
CUMENE	98-82-8			3.4E-06			
ETHYLBENZENE	100-41-4			7.6E-06			
N-HEXANE	110-54-3			6.5E-05			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			7.6E-06			
PHENOL	108-95-2			1.2E-05			
STYRENE	100-42-5			0.0E+00			
TOLUENE	108-88-3			3.6E-05			
XYLENES	1330-20-7			2.7E-05			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 5 (NWTC)

DATE INSTALLED OR LAST MODIFIED: 1949

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Gasoline

TANK CAPACITY (GALLONS): 483,000

ANNUAL THROUGHPUT (GALLONS): 22,925,196

TANK TYPE: 02
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 Trimethylpentane	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 5 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				4.7E-01			
LEAD							
2,2,4-TMP	540841			1.58E-03			
BENZENE	71-43-2			1.93E-03			
BIPHENYL	92-52-4			0.00E+00			
CRESOLS	1319-77-3			0.00E+00			
CUMENE	98-82-8			2.28E-05			
ETHYLBENZENE	100-41-4			2.03E-04			
N-HEXANE	110-54-3			3.22E-03			
MTBE	1634-04-4			0.00E+00			
NAPHTHALENE	91-20-3			2.91E-05			
PHENOL	108-95-2			0.00E+00			
STYRENE	100-42-5			1.38E-05			
TOLUENE	108-88-3			2.54E-03			
XYLENES	1330-20-7			9.74E-04			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.

* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 6 (NWTC)

DATE INSTALLED OR LAST MODIFIED: 1949

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Diesel

TANK CAPACITY (GALLONS): 455,280

ANNUAL THROUGHPUT (GALLONS): 32,891,502

TANK TYPE: 01
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)

TANK SURFACE AREA (SQ. FT)

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	ND
Biphenyl	92-52-4	7.10E-04
Cresols	1319-77-3	2.40E-04
Cumene	98-82-8	2.90E-04
Ethylbenzene	100-41-4	2.90E-04
Hexane	110-54-3	0.00E+00
MTBE	1634-04-4	2.40E-02
Napthalene	91-20-3	1.70E-03
Phenol	108-95-2	2.60E-03
Styrene	100-42-5	0.00E+00
Toluene	108-88-3	5.00E-04
Xylenes	1330-20-7	1.22E-03

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 6 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER		OPERATING SCHEDULE	
DEC-FEB	25	HOURS/DAY	24
MAR-MAY	25	DAYS/WEEK	7
JUN-AUG	25	WEEKS/YEAR	52
SEP-NOV	25		

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				4.9E-02			
LEAD							
2,2,4 TMP	540-84-1			7.9E-04			
BENZENE	71-43-2			0.0E+00			
BIPHENYL	92-52-4			3.8E-06			
CRESOLS	1319-77-3			7.1E-06			
CUMENE	98-82-8			1.3E-04			
ETHYLBENZENE	100-41-4			3.4E-04			
N-HEXANE	110-54-3			3.4E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			4.5E-05			
PHENOL	108-95-2			7.5E-05			
STYRENE	100-42-5			0.0E+00			
TOLUENE	108-88-3			1.8E-03			
XYLENES	1330-20-7			1.2E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 7 (NWTC)
DATE INSTALLED OR LAST MODIFIED	1949

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION	Diesel		
TANK CAPACITY (GALLONS)	723,660	ANNUAL THROUGHPUT (GALLONS)	735,000
TANK TYPE	01	SOURCE	01

TANK TYPE
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT		TANK SURFACE AREA (SQ. FT)	
TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)		METHOD OF VAPOR RECOVERY	

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	H	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	ND
Biphenyl	92-52-4	7.10E-04
Cresols	1319-77-3	2.40E-04
Cumene	98-82-8	2.90E-04
Ethylbenzene	100-41-4	2.90E-04
Hexane	110-54-3	0.00E+00
MTBE	1634-04-4	2.40E-02
Napthalene	91-20-3	1.70E-03
Phenol	108-95-2	2.60E-03
Styrene	100-42-5	0.00E+00
Toluene	108-88-3	5.00E-04
Xylenes	1330-20-7	1.22E-03

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 7 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER	
DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE	
HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				7.9E-02			
LEAD							
2,2,4 TMP	540-84-1			1.3E-03			
BENZENE	71-43-2			0.0E+00			
BIPHENYL	92-52-4			6.1E-06			
CRESOLS	1319-77-3			1.1E-05			
CUMENE	98-82-8			2.1E-04			
ETHYLBENZENE	100-41-4			5.5E-04			
N-HEXANE	110-54-3			5.5E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			7.3E-05			
PHENOL	108-95-2			1.2E-04			
STYRENE	100-42-5			0.0E+00			
TOLUENE	108-88-3			2.9E-03			
XYLENES	1330-20-7			1.9E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 8 (NWTC)
DATE INSTALLED OR LAST MODIFIED	1949

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Gasoline

TANK CAPACITY (GALLONS): 336,000

ANNUAL THROUGHPUT (GALLONS): 26,002,536

TANK TYPE: 02
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 8 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				4.7E-01			
LEAD							
2,2,4 TMP	540-84-1			1.6E-03			
BENZENE	71-43-2			1.9E-03			
BIPHENYL	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			2.9E-05			
ETHYLBENZENE	100-41-4			2.4E-04			
N-HEXANE	110-54-3			3.2E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			4.2E-05			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			1.7E-05			
TOLUENE	108-88-3			2.7E-03			
XYLENES	1330-20-7			1.2E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 12 (NWTC)

DATE INSTALLED OR LAST MODIFIED: 1956

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Gasoline

TANK CAPACITY (GALLONS): 588,000

ANNUAL THROUGHPUT (GALLONS): 32,904,438

TANK TYPE: 02
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 12 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				3.2E+00			
LEAD							
2,2,4 TMP	540-84-1			9.8E-03			
BENZENE	71-43-2			1.3E-02			
Biphenyl	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			8.2E-05			
ETHYLBENZENE	100-41-4			9.4E-04			
N-HEXANE	110-54-3			2.1E-02			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			5.1E-05			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			5.6E-05			
TOLUENE	108-88-3			1.5E-02			
XYLENES	1330-20-7			4.2E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE | DEQ PROCESS CODE | DEQ STACK ID CODE

DEQ BUILDING ID CODE | PRIMARY SCC | SECONDARY SCC

DEQ SEGMENT CODE

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 13 (NWTC)

DATE INSTALLED OR LAST MODIFIED: 1956

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Gasoline

TANK CAPACITY (GALLONS): 588,000

ANNUAL THROUGHPUT (GALLONS): 34,290,438

TANK TYPE: 02
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)

TANK SURFACE AREA (SQ. FT)

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW): L

NUMBER OF SAFETY RELIEF VALVES: **

NUMBER OF PUMP SEALS: **

NUMBER OF FLANGES: **

NUMBER OF COMPRESSOR SEALS: **

NUMBER OF OPEN-ENDED LINES: **

NUMBER OF IN-LINE VALVES: **

NUMBER OF SAMPLING CONNECTIONS: **

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 13 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				3.2E-01			
LEAD							
2,2,4 TMP	540-84-1			1.2E-03			
BENZENE	71-43-2			1.4E-03			
BIPHENYL	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			2.9E-05			
ETHYLBENZENE	100-41-4			2.2E-04			
N-HEXANE	110-54-3			2.3E-03			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			4.7E-05			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			1.6E-05			
TOLUENE	108-88-3			2.2E-03			
XYLENES	1330-20-7			1.1E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE		DEQ PROCESS CODE		DEQ STACK ID CODE	
DEQ BUILDING ID CODE		PRIMARY SCC		SECONDARY SCC	
DEQ SEGMENT CODE					

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION	Storage of petroleum products
STACK DESCRIPTION	N/A
BUILDING DESCRIPTION	Tank 167 (NWTC)
DATE INSTALLED OR LAST MODIFIED	1953

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Transmix

TANK CAPACITY (GALLONS): 126,000

ANNUAL THROUGHPUT (GALLONS): 1,999,998

TANK TYPE: 02

PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01

PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT:

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F):

TANK SURFACE AREA (SQ. FT):

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW)	L & H mix	NUMBER OF PUMP SEALS	**	NUMBER OF COMPRESSOR SEALS	**	NUMBER OF IN-LINE VALVES	**
NUMBER OF SAFETY RELIEF VALVES	**	NUMBER OF FLANGES	**	NUMBER OF OPEN-ENDED LINES	**	NUMBER OF SAMPLING CONNECTIONS	**

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.

SECTION 5, PART B (Tank 167 - NWTC)

OPERATING DATA

PERCENT FUEL CONSUMPTION PER QUARTER

DEC-FEB	25
MAR-MAY	25
JUN-AUG	25
SEP-NOV	25

OPERATING SCHEDULE

HOURS/DAY	24
DAYS/WEEK	7
WEEKS/YEAR	52

POLLUTION CONTROL EQUIPMENT

PARAMETER	PRIMARY	SECONDARY
TYPE	N/A	
TYPE CODE (FROM APP. A)		
MANUFACTURER		
MODEL NUMBER		
PRESSURE DROP (IN. OF WATER)		
WET SCRUBBER FLOW (GPM)		
BAGHOUSE AIR/CLOTH RATIO (FPM)		

VENTILATION AND BUILDING/AREA DATA

ENCLOSED? (Y/N)	N/A
HOOD TYPE (FROM APP. B)	
MINIMUM FLOW (ACFM)	
PERCENT CAPTURE EFFICIENCY	
BUILDING HEIGHT (FT)	
BUILDING LENGTH (FT)	
BUILDING WIDTH (FT)	

STACK DATA

GROUND ELEVATION (FT)	N/A
UTM X COORDINATE (KM)	
UTM Y COORDINATE (KM)	
STACK TYPE (SEE NOTE BELOW)	
STACK EXIT HEIGHT FROM GROUND LEVEL (FT)	
STACK EXIT DIAMETER (FT)	
STACK EXIT GAS FLOWRATE (ACFM)	
STACK EXIT TEMPERATURE (DEG. F)	

AIR POLLUTANT EMISSIONS

POLLUTANT	CAS NUMBER	EMISSION* FACTOR (SEE NOTE BELOW)	PERCENT CONTROL EFFICIENCY	ESTIMATED OR MEASURED EMISSIONS (LBS/HR)	ALLOWABLE EMISSIONS (LBS/HR)	(TONS/YR)	REFERENCE
PM							
PM-10							
SO2							
CO							
NOx							
VOC				2.6E+00			
LEAD							
2,2,4 TMP	540-84-1			7.9E-03			
BENZENE	71-43-2			1.0E-02			
BIPHENYL	92-52-4			0.0E+00			
CRESOLS	1319-77-3			0.0E+00			
CUMENE	98-82-8			5.0E-05			
ETHYLBENZENE	100-41-4			6.6E-04			
N-HEXANE	110-54-3			1.8E-02			
MTBE	1634-04-4			0.0E+00			
NAPHTHALENE	91-20-3			4.9E-06			
PHENOL	108-95-2			0.0E+00			
STYRENE	100-42-5			3.7E-05			
TOLUENE	108-88-3			1.2E-02			
XYLENES	1330-20-7			2.9E-03			

NOTES: STACK TYPE - 01)DOWNWARD; 02) VERTICAL (UNCOVERED); 03) VERTICAL (COVERED); 04) HORIZONTAL; 05) FUGITIVE
EMISSION FACTOR - IN LBS/UNIT. PLEASE USE SAME HOURLY UNITS GIVEN IN FUEL DATA SECTION.
* SEE THE EMISSION SOURCES SECTION OF THIS APPLICATION

SECTION 5: STORAGE AND HANDLING OF LIQUID SOLVENTS & OTHER VOLATILE COMPOUNDS

DEQ USE ONLY

DEQ PLANT ID CODE | DEQ PROCESS CODE | DEQ STACK ID CODE

DEQ BUILDING ID CODE | PRIMARY SCC | SECONDARY SCC

DEQ SEGMENT CODE

PART A: GENERAL INFORMATION

PROCESS CODE OR DESCRIPTION: Storage of petroleum products

STACK DESCRIPTION: N/A

BUILDING DESCRIPTION: Tank 208 (NWTC)

DATE INSTALLED OR LAST MODIFIED: 1956

GENERAL TANK AND MATERIAL HANDLING DATA

MATERIAL DESCRIPTION: Gasoline

TANK CAPACITY (GALLONS): 924,000

ANNUAL THROUGHPUT (GALLONS): 69,407,016

TANK TYPE: 02
PLEASE CHOOSE FROM BELOW
(01) FIXED ROOF;
(02) FLOATING ROOF (OR INTERNAL COVER);
(03) VARIABLE VAPOR SPACE;
(04) PRESSURE TANK;
(05) UNDERGROUND - SPLASH LOADING
(06) OTHER

SOURCE: 01
PLEASE CHOOSE FROM BELOW
(01) PIPELINE;
(02) RAIL CAR;
(03) TANK TRUCK;
(04) SHIP BARGE;
(05) OTHER

ADDITIONAL VAPOR PHASE DEGREASING DATA

MANUFACTURER OF DEGREASING AGENT

TEMPERATURE OF DEGREASING AGENT IN TANK (DEG. F)

TANK SURFACE AREA (SQ. FT)

METHOD OF VAPOR RECOVERY
Please choose from below
(01) Incineration;
(02) Refrigerated Liquid Scrubber;
(03) Refrigerated Condenser;
(04) Carbon Adsorption;
(05) Vapor Return System;
(06) No Recovery System;
(07) Other

ADDITIONAL MATERIAL HANDLING DATA

PHYSICAL STATE (SEE NOTE BELOW): L

NUMBER OF SAFETY RELIEF VALVES: **

NUMBER OF PUMP SEALS: **

NUMBER OF FLANGES: **

NUMBER OF COMPRESSOR SEALS: **

NUMBER OF OPEN-ENDED LINES: **

NUMBER OF IN-LINE VALVES: **

NUMBER OF SAMPLING CONNECTIONS: **

MATERIAL DATA

HAP DESCRIPTION	HAP CAS NUMBER	HAP FRACTION IN MATERIAL BY WEIGHT
2,2,4 TMP	540-84-1	0.00E+00
Benzene	71-43-2	1.29E-02
Biphenyl	92-52-4	0.00E+00
Cresols	1319-77-3	1.50E-03
Cumene	98-82-8	9.26E-03
Ethylbenzene	100-41-4	1.34E-02
Hexane	110-54-3	7.80E-04
MTBE	1634-04-4	0.00E+00
Napthalene	91-20-3	1.97E-02
Phenol	108-95-2	5.25E-02
Styrene	100-42-5	4.91E-02
Toluene	108-88-3	0.00E+00
Xylenes	1330-20-7	0.00E+00

NOTE: PHYSICAL STATE - V) VAPOR LIGHT; L) LIQUID LIGHT; H) HEAVY LIGHT

** Emissions for all pumps seals, flanges, connections, etc. throughout the facility are included in the emission sources section of this application under fugitive emissions.